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CLAIMS

1. Pharmaceutical formulation including a non-steroidal anti-inflammatory agent (FANS), characterized in that said formulation is administered by sublingual route and is such to promote the fast disintegration thereof in the oral cavity and is able to exert an anti-inflammatory activity at considerable reduced doses with respect to an oral formulation containing the same anti-inflammatory agent.
2. Formulation according to claim 1, characterized in that it contains a non-steroidal anti-inflammatory agent (FANS) capable of being absorbed by the oral mucosa; a water soluble excipient and/or a crystalline water insoluble excipient with a disintegrating function.
3. Formulation according to claim 2, characterized in that the water soluble excipient is mannitol.
4. Formulation according to claim 2, characterized in that the crystalline water insoluble excipient with a disintegrating function is microcrystalline cellulose.
5. Formulation according to claim 2, characterized in that it further contains a lubricant; preferably said lubricant is magnesium stearate and/or PEG 6000 powder.
6. Formulation according to claim 2, characterized in that it further contains a sweetener; preferably said sweetener is sodium saccharate.
7. Formulation according to at least one of the preceding claims, characterized in that the non-steroidal anti-inflammatory agent FANS is preferably selected among: nimesulide, ketoprofen, ibuprofen, paracetamol, diclofenac, naproxen, ketorolac, tenoxicam or pyroxicam.
8. Formulation according to at least one of the preceding claims, characterized in that said

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formulation is in a pharmaceutical form selected among: gel, granulate, powder, freeze-dried product, pressed capsule or pill.

- 5 9. Use of at least a non-steroidal anti-inflammatory agent FANS for the preparation of a sublingual pharmaceutical formulation for the treatment of inflammatory symptoms of various type, generally associated with pain and fever.
- 10 10. Use of at least a non-steroidal anti-inflammatory agent FANS for the preparation of a sublingual pharmaceutical formulation according to at least one of the claims 1-8 for the treatment of inflammatory symptoms of various type, generally associated with pain and fever.